Industrial Touch Panel PC

SP-2L Series

User Manual

KINGDY

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Package Contents

Please make sure that the items shown below are included in the package. Should an item be missing, please contact the local retailer from which you purchased this product.

- 1 x Industrial Touch Panel PC
- 1 x DC in Power adapter
- 1 x Power cord
- 1 x CD
- 4 x screws (M3 x 4) for 2.5” HDD or SSD (If customers order 2.5” HDD or SSD from our side, we don’t offer 4 screws)

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Safety Instructions

1. Read Instructions: All the safety and operating instructions should be read before the equipment is operated.
2. Retain Instructions: The safety and operating instructions should be retained for future reference.
3. Cleaning: Unplug this equipment from the outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Water and Moisture: Do not use this equipment near water.
5. Ventilation: The openings on the enclosure are provided for ventilation to ensure reliable operation of the equipment and to protect it from overheating. These openings should never be blocked.
6. Power Sources: This equipment should be operated only from the type of power source indicated on the rating label. If you are not sure of the type of power supply, consult your dealer or local power company.
7. Heed Warnings: All warnings on the equipment and in the operating instructions should be adhered to.
8. Object and Liquid Entry: Never push objects of any kind into this equipment through openings as they may touch dangerous voltage points or shout-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the equipment.
9. Servicing: Do not attempt to service this equipment yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
10. Damage Requiring Service: Unplug this equipment from the outlet and refer servicing to qualified service personnel under the following conditions: a) if the power cord or plug is damaged; b) if liquid has penetrated into the equipment; c) if the equipment has been exposed to moisture; d) if the equipment does not work well, or you cannot get it to work according to the user's manual; e) if the equipment has been dropped and damaged; f) if the equipment has obvious signs of breakage.
11. Do not leave this equipment in an environment where the storage temperature is below -10°C or above 70°C. It may damage the equipment.
12. Do not open the sealed enclosure / case of equipment. Once enclosure is disassembled without approval, it will lead in abnormal operating of water proof gel. For Guarantee of water proof function, please make sure configuration / peripheral has been confirmed to install before shipping.

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Regulatory Compliance Statements

FCC

This device complies with Part 15 FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received including interference that may cause undesired operation.

CE

The product(s) described in this manual complies with all applicable European Union (CE) directives if it has a CE marking. For computer systems to remain CE compliant, only CE-compliant parts may be used. Maintaining CE compliance also requires proper cable and cabling techniques.

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Introduction

SP-2L series is a fanless industrial touch panel PC and is an ideal solution for low noise and rough environment. With its rugged and flexible extension design, it allows you to apply in different kinds of Industrial condition.

It consists of CPU Board, LCD Display, highly integrated user-friendly touch screen, compact designed chassis, high quality aluminum front bezel with anodic treatment and multiple I/O support for versatile application.

It is equipped with industrial grade memory, HDD, CF Card, DOM (Disk on Module) and related peripherals. With versatile design and flexible upgrade capability, our system is cost-effective and also a reliable choice for our customers from Industrial Automation, Home Automation, Wireless Automation to Game-in.

For mechanical installation requirements, we provide panel mounting, VESA mounting and ARM solution depending on our customer's need.

We support Windows XP Professional, Windows XP Embedded, Windows 7, Windows CE and Linux for our customer's operating software requirements.

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Features

- Intel Dual Core Atom D2550 1.86Ghz
- Fanless and compact design
- CPU on board
- Low power consumption
- IP65 compliant 6 mm thickness aluminum front bezel
- 2 x GLAN
- up to 5 x RS232
- up to 4 x USB
- 1 x Audio (1 x Line out, 1 x MIC in)
- 800 x 600 dpi (10” and 12”)
- 1024 x 768 dpi (10”, 12” and 15”)
- 1280 x 1024 dpi (17” and 19”)
- 1366 x 768 dpi (15” wide screen)
- 1440 x 900 (19” wide screen)
- 1920 x 1080 (21” wide screen)
- High quality black or silver aluminum front bezel with anodic treatment

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Motherboard Specification

Model Name	KD951- D2550		
CPU	Intel® Atom™ D2550, 1.86GHz, 1M cache		
Chipset	Intel® NM10		
BIOS	AMI 16 Mbit SPI BIOS		
Memory	1 x 204-pin SODIMM socket supports DDR3 1066MHz up to 4GB		
Display	Controller: Intel® GMA 3650 Interface: 1 x VGA, 1 x 24-bit LVDS		
Ethernet	2 x Intel 82574 10/100/1000 Mbps		
Audio	Realtek® ALC886 2-channel High Definition Audio		
Storage	1 x SATA 2.0, 1 x CF		
Expansion	1 x Mini PCIe		
Internal I/O	- 4 x USB 2.0/1.1 - 1 x LVDS - 1 x Audio	- 4 x RS-232 - 1 x LCD inverter - 1 x SATA	- 1 x RS-232/422/485 - 1 x 8-bit digital I/O connector
Rear Panel I/O Port	- 1 x RS232 - 1 x VGA	- 2 x USB 2.0/1.1 - 1 x 12V DC-in	- 2 x RJ45 LAN
Power	DC 12V input		
Watchdog Timer	Output System reset, Programmable 1 ~ 255 sec/min		
Environment	Operating temperature: 0˚C ~ 60˚C Storage temperature: -20˚C ~ 85˚C		

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System Specification

Model Name		SP-2LR10T	SP-2LS10T	SP-2LR12T	SP-2LS12T
CPU		Intel Dual Core Atom D2550 1.86Ghz			
Chipset		Intel NM10			
Memory		1 x DDR III SODIMM up to 4 GB			
Power Supply		DC in 12V external power adapter			
I/O Ports		3 x COM (12.1") & 2 x COM (10.4"), 2 x GLAN, 1 x VGA, 2 x USB 2.0, 1 x SATA socket, 1 x Audio optional			
Expansion		1 x CF card socket, 1 x Mini PCIe slot			
Displa y	Size/Type	10.4" TFT (4:3)	10.4" TFT (4:3)	12.1" TFT (4:3)	12.1" TFT (4:3)
	Resolution	800 x 600	1024 x 768	800 x 600	1024 x 768
	Colors	16.8 M	16.2 M	16.2 M	16.2 M
	Luminance (cd/m2)	230	350	400	500
	Contrast Ratio	500:1	1200:1	600:1	700:1
	Viewing Angle (H/V°)	140/120	176/176	160/120	160/160
	MTBF	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
	Touch Screen	5-wire resistive	5-wire resistive	5-wire resistive	5-wire resistive
Installation		Panel mount and VESA mounting 75 x 75 mm			
Dimension (W x H x D)		302 x 224 x 70 mm	302 x 224 x 70 mm	349.4 x 263.9 x 70 mm	349.4 x 263.9 x 70 mm
Weight		5 kg	5 kg	7 kg	7 kg
Operation Temperature		0°C ~ 45°C			
Storage Temperature		-10°C ~ 70°C			
Relative Humidity		0% - 95% non-condensing			
OS		Windows 7 Pro, Embedded 7			
Optional Items		Waterproof gasket, None touch screen, Capacitive touch screen, Open frame, Stainless front bezel Memory, Storage devices, OS			

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System Specification

Model Name		SP-2LR15T	SP-2LR17T	SP-2LR19T
CPU		Intel Dual Core Atom D2550 1.86Ghz		
Chipset		Intel NM10		
Memory		1 x DDR III SODIMM up to 4 GB		
Power Supply		DC in 12V external power adapter		
I/O Ports		5 x COM, 2 x GLAN, 1 x VGA, 2 x USB 2.0, 1 x SATA socket, 1 x Audio optional		
Expansion		1 x CF card socket, 1 x Mini PCIe slot		
Display	Size/Type	15" TFT (4:3)	17" TFT (4:3)	19" TFT (4:3)
	Resolution	1024 x 768	1280 x 1024	1280 x 1024
	Colors	16.2 M	16.7 M	16.7 M
	Luminance (cd/m2)	350	300	250
	Contrast Ratio	700:1	800:1	1000:1
	Viewing Angle (H/V°)	140/125	140/125	140/125
	MTBF	50,000 hrs	50,000 hrs	50,000 hrs
	Touch Screen	5-wire resistive	5-wire resistive	5-wire resistive
Installation		Panel mount and VESA mounting 100 x 100 mm		
Dimension (W x H x D)		400.9 x 303.7 x 70 mm	453.5 x 352 x 70 mm	487 x 376.8 x 70 mm
Weight		10 kg	11 kg	12 kg
Operation Temperature		0°C ~ 45°C		
Storage Temperature		-10°C ~ 70°C		
Relative Humidity		0% - 95% non-condensing		
OS		Windows 7 Pro, Windows XP		
Optional Items		Waterproof gasket, None touch screen, Capacitive touch screen Open frame, Stainless front bezel, Memory, Storage devices, OS		

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System Specification

Model Name		SP-2LD15T	SP-2LW19T	SP-2LW21T
CPU		Intel Dual Core Atom D2550 1.86Ghz		
Chipset		Intel NM10		
Memory		1 x DDR III SODIMM up to 4 GB		
Power Supply		DC in 12V external power adapter		
I/O Ports		5 x COM, 2 x GLAN, 1 x VGA, 2 x USB 2.0, 1 x SATA socket, 1 x Audio optional		
Expansion		1 x CF card socket, 1 x Mini PCIe slot		
Display	Size/Type	15.6" TFT (16:9)	19" TFT (16:9)	21.5" TFT (16:9)
	Resolution	1366 x 768	1440 x 900	1920 x 1080
	Colors	16.2 M	16.7 M	16.7 M
	Luminance (cd/m2)	300	300	300
	Contrast Ratio	500:1	800:1	1000:1
	Viewing Angle (H/V°)	170/160	160/160	170/160
	MTBF	50,000 hrs	50,000 hrs	50,000 hrs
	Touch Screen	5-wire resistive	5-wire resistive	5-wire resistive
Installation		Panel mount and VESA mounting 100 x 100 mm		
Dimension (W x H x D)		400.9 x 303.7 x 70 mm	453.5 x 352 x 70 mm	487 x 376.8 x 70 mm
Weight		10 kg	11 kg	12 kg
Operation Temperature		0°C ~ 45°C		
Storage Temperature		-10°C ~ 70°C		
Relative Humidity		0% - 95% non-condensing		
OS		Windows 7 Pro, Embedded 7		
Optional Items		Waterproof gasket, None touch screen, Capacitive touch screen Open frame, Stainless front bezel, Memory, Storage devices, OS		

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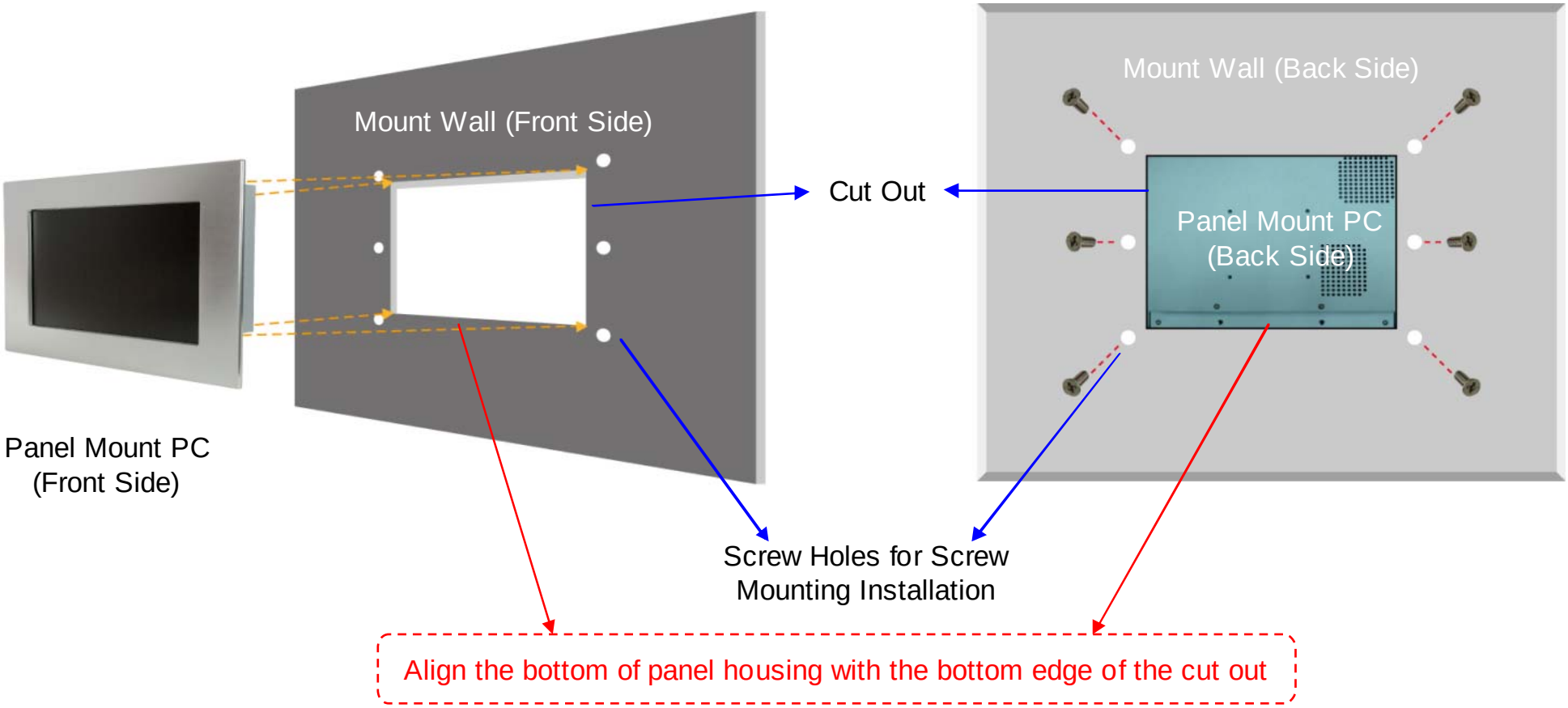
Screw Mounting Installation

Front Side of the Mounting Wall

Back Side of the Mounting Wall


Mount Wall (Front Side)
Mount Wall (Back Side)
Cut Out
Panel Mount PC
(Back Side)
Panel Mount PC
(Front Side)
Screw Holes for Screw
Mounting Installation
Align the bottom of panel housing with the bottom edge of the cut out

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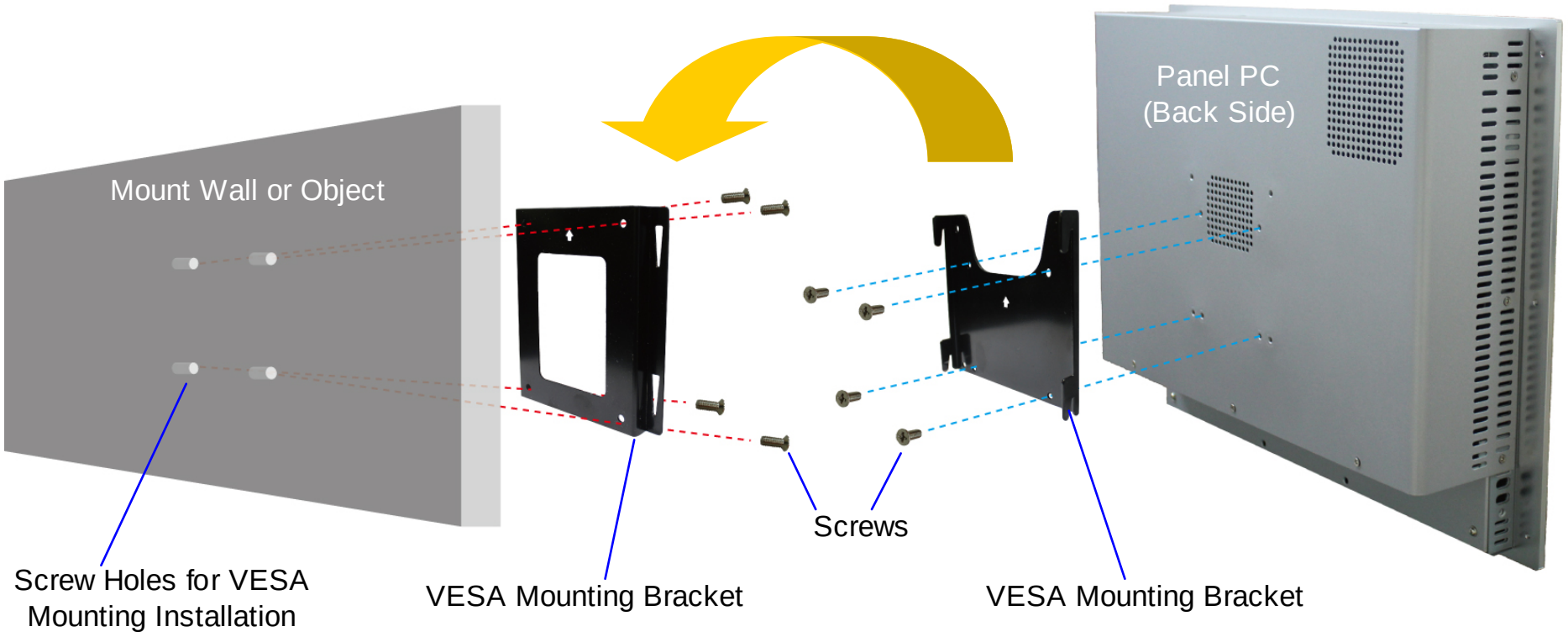
VESA Mounting Installation



- Sep 1: screw the VESA mounting plate to the Panel PC
- Step2: screw the VESA mounting bracket to the front of a wall or the front / back of an object dependingly
- Step3: slide the VESA mounting plate onto the VESA mounting bracket

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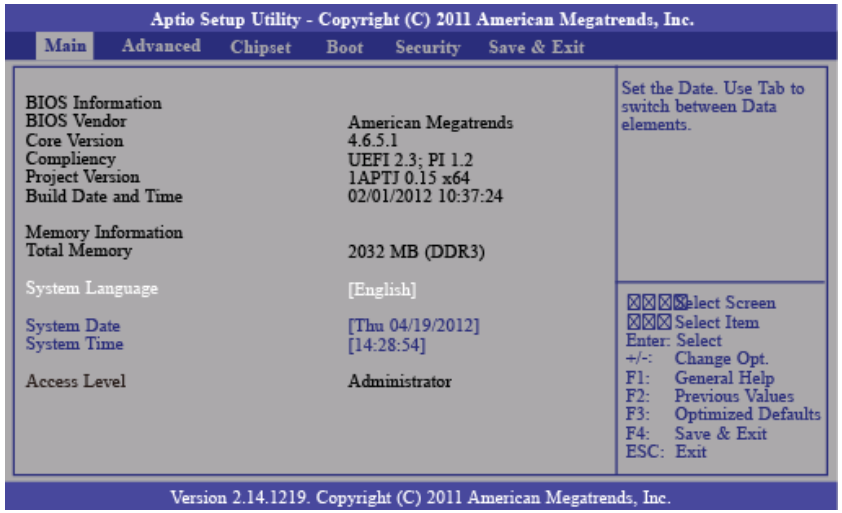
Main

The Main menu is the first screen that you will see when you enter the BIOS Setup Utility.


Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Main Advanced Chipset Boot Security Save & Exit
BIOS Information
BIOS Vendor American Megatrends
Core Version 4.6.5.1
Compliency UEFI 2.3; PI 1.2
Project Version 1APTJ 0.15 x64
Build Date and Time 02/01/2012 10:37:24
Memory Information
Total Memory 2032 MB (DDR3)
System Language [English]
System Date [Thu 04/19/2012]
System Time [14:28:54]
Access Level Administrator
Set the Date. Use Tab to switch between Data elements.
Select Screen
Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit
Version 2.14.1219. Copyright (C) 2011 American Megatrends, Inc.

System Date

The date format is <day>, <month>, <date>, <year>. Day displays a day, from Sunday to Saturday. Month displays the month, from January to December. Date displays the date, from 1 to 31. Year displays the year, from 1980 to 2099.

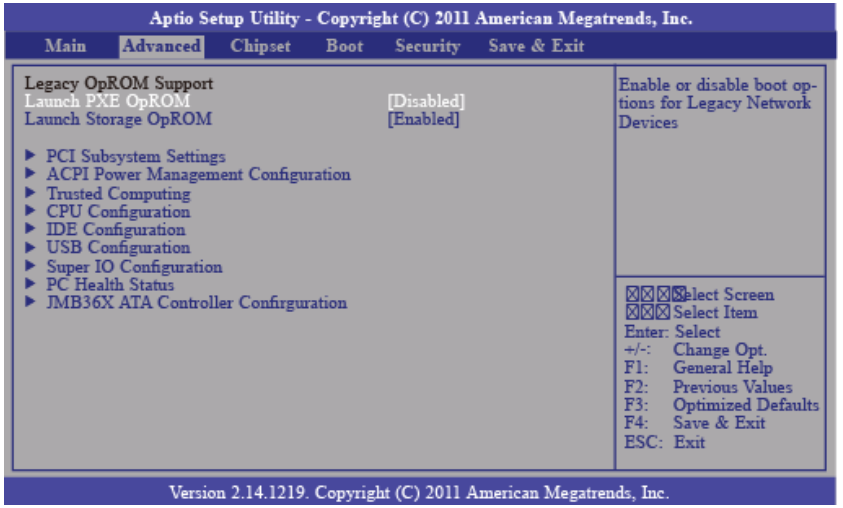
System Time

The time format is <hour>, <minute>, <second>. The time is based on the 24-hour military-time clock. For example, 1 p.m. is 13:00:00. Hour displays hours from 00 to 23. Minute displays minutes from 00 to 59. Second displays seconds from 00 to 59.

Advanced

The Advanced menu allows you to configure your system for basic operation. Some entries are defaults required by the system board, while others, if enabled, will improve the performance of your system or let you set some features according to your preference.

Important: Setting incorrect field values may cause the system to malfunction.



Launch PXE OpROM

Enables or disables the boot option for legacy network devices.

Launch Storage OpROM

Enables or disables the boot option for legacy mass storage devices with option ROM.

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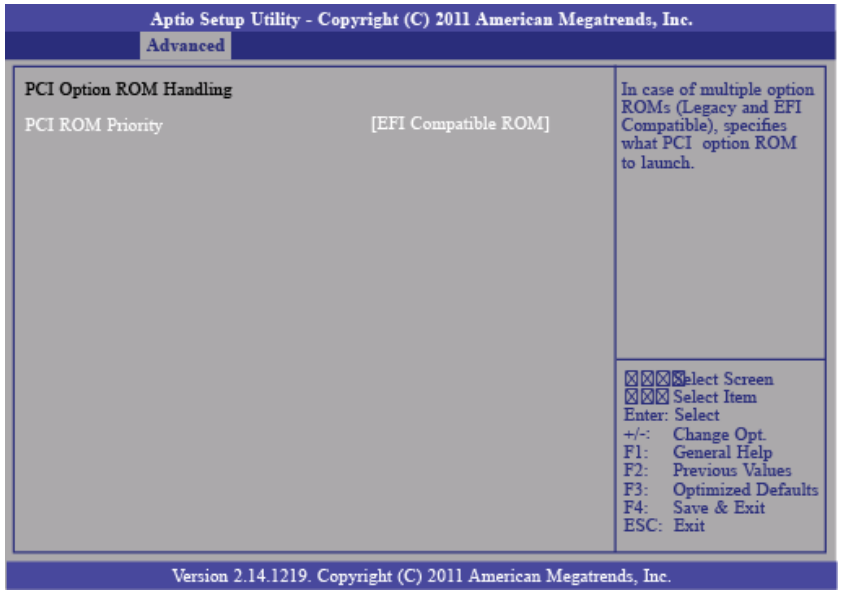
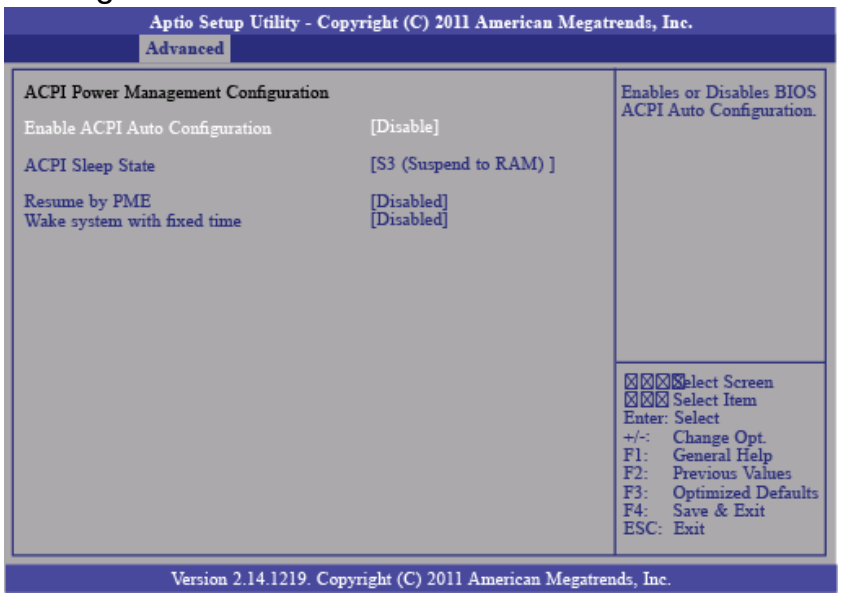
PCI Subsystem Settings

This section is used to configure the PCI subsystem settings.


Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Advanced
PCI Option ROM Handling
PCI ROM Priority
[EFI Compatible ROM]
In case of multiple option ROMs (Legacy and EFI Compatible), specifies what PCI option ROM to launch.
Select Screen
Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit
Version 2.14.1219. Copyright (C) 2011 American Megatrends, Inc.

ACPI Power Management Configuration

This section is used to configure the ACPI Power Management.



ACPI Sleep State

Selects the highest ACPI sleep state the system will enter when the Suspend button is pressed.

S1(POS) Enables the Power On Suspend function.

S3(STR) Enables the Suspend to RAM function.

Resume by PME

Enable this field to use the PME signal to wake up the system.

Wake system with fixed time

Enable or disable system wake on alarm event. When enabled, system will wake on the hr::min::sec specified.

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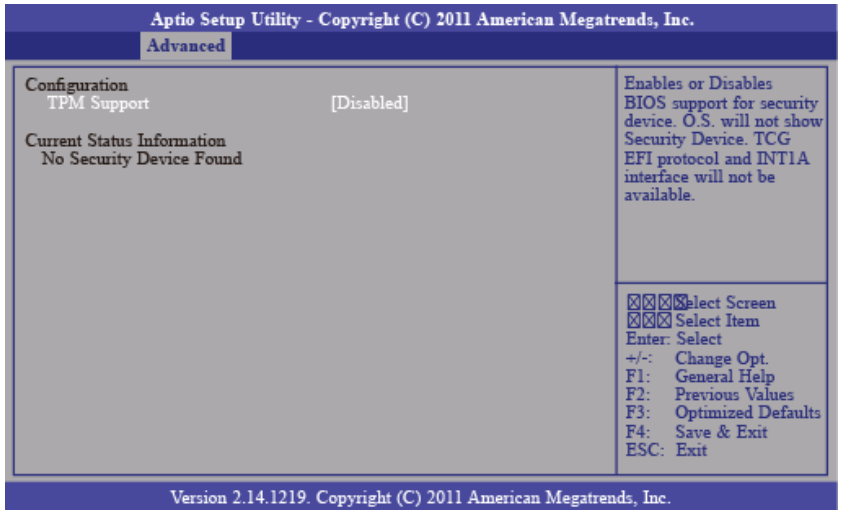
Trusted Computing (optional)

This section configures settings relevant to Trusted Computing innovations.

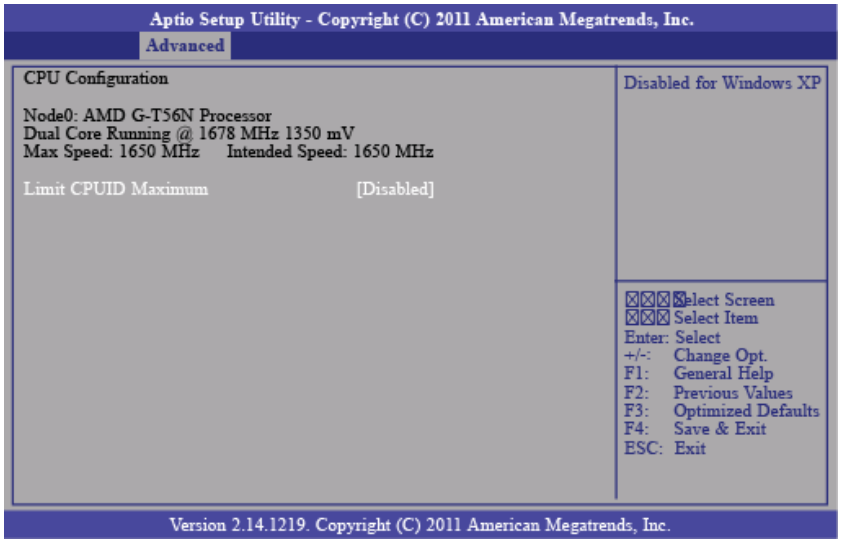

Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Advanced
Configuration
TPM Support [Disabled]
Current Status Information
No Security Device Found
Enables or Disables BIOS support for security device. O.S. will not show Security Device. TCG EFI protocol and INT1A interface will not be available.
Select Screen
Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit
Version 2.14.1219. Copyright (C) 2011 American Megatrends, Inc.

TPM Support

Enables or Disables TPM. O.S. will not show TPM. Resetting the platform is required.

CPU Configuration

This section is used to configure the CPU. It will also display the detected CPU information.


Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Advanced
CPU Configuration
Node0: AMD G-T56N Processor
Dual Core Running @ 1678 MHz 1350 mV
Max Speed: 1650 MHz Intended Speed: 1650 MHz
Limit CPUID Maximum [Disabled]
Disabled for Windows XP
Select Screen
Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit
Version 2.14.1219. Copyright (C) 2011 American Megatrends, Inc.

Limit CPUID Maximum

The CPUID instruction of some newer CPUs will return a value greater than 3. The default is Disabled because this problem does not exist in the Windows series operating systems. If you are using an operating system other than Windows, this problem may occur. To avoid this problem, enable this field to limit the return value to 3 or less than 3.

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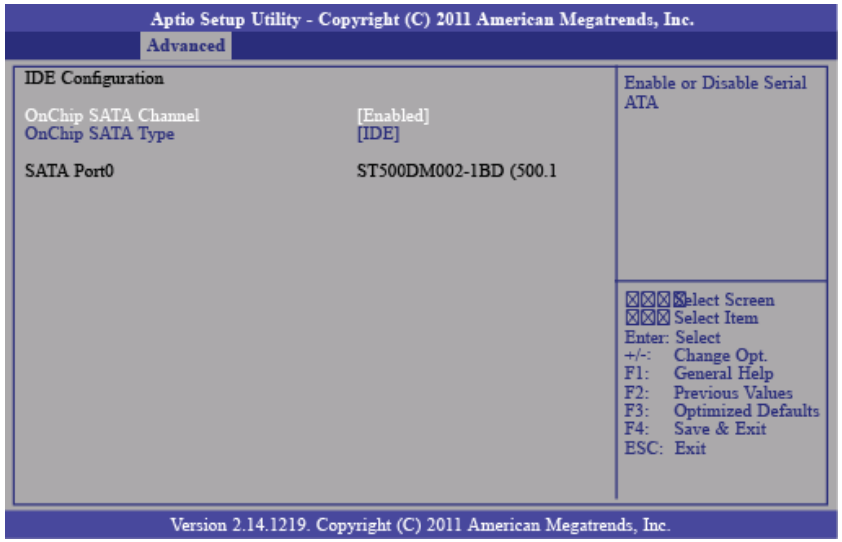
IDE Configuration

This section is used to configure IDE functions.



OnChip SATA Type

This field is used to configure the SATA devices supported by the AMD T56N/T40N.

Native IDE This option configures the Serial ATA drives as Parallel ATA storage devices.

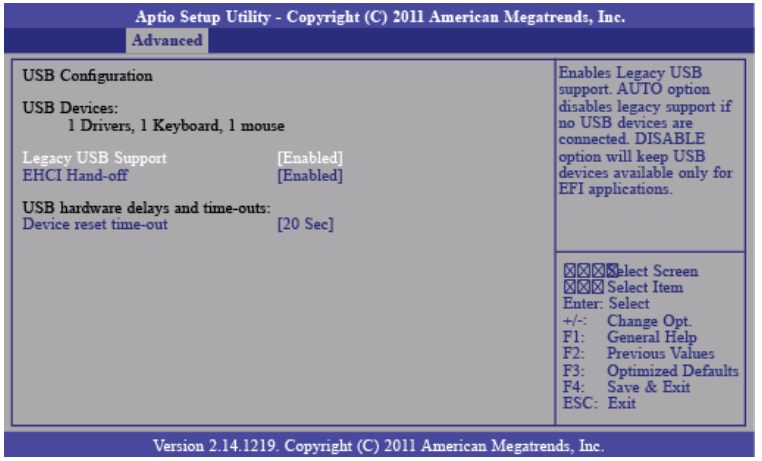
RAID This option allows you to create RAID on Serial ATA devices.

AHCI This option allows the Serial ATA devices to use AHCI (Advanced Host Controller Interface).

Legacy IDE This option configures the Serial ATA drives as Legacy IDE storage devices.

USB Configuration

This section is used to configure USB.


Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Advanced
USB Configuration
USB Devices:
1 Drivers, 1 Keyboard, 1 mouse
Legacy USB Support [Enabled]
EHCI Hand-off [Enabled]
USB hardware delays and time-outs:
Device reset time-out [20 Sec]
Enables Legacy USB support. AUTO option disables legacy support if no USB devices are connected. DISABLE option will keep USB devices available only for EFI applications.
Select Screen
Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit
Version 2.14.1219. Copyright (C) 2011 American Megatrends, Inc.

Legacy USB Support

Enabled

Enables legacy USB.

Auto

Disables support for legacy when no USB devices are connected.

Disabled

Keeps USB devices available only for EFI applications.

EHCI Hand-off

This is a workaround for OSes that does not support EHCI hand-off. The EHCI ownership change should be claimed by the EHCI driver.

Device reset time-out

Selects the USB mass storage device start unit command timeout.

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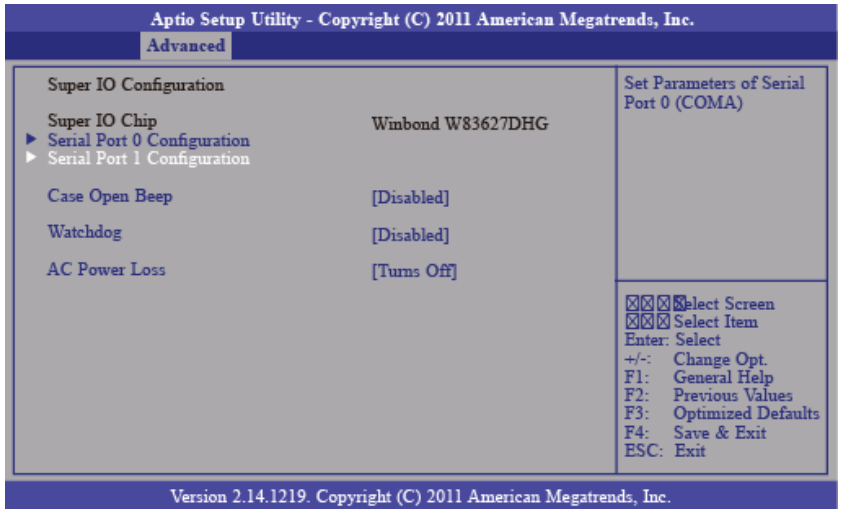
Super IO Configuration

This section is used to configure the serial port functions.



Case Open Beep
Set this field to Enabled to allow the system to alert you of a chassis intrusion event.

Watchdog
This field is used to enable or disable the Watchdog Timer function.

AC Power Loss
Turns Off
When power returns after an AC power failure, the system's power is off. You must press the Power button to power-on the system.

Turns On
When power returns after an AC power failure, the system will automatically power-on.

Former-Sts
When power returns after an AC power failure, the system will return to the state where you left off before power failure occurs. If the system's power is off when AC power failure occurs, it will remain off when power returns. If the system's power is on when AC power failure occurs, the system will power-on when power returns

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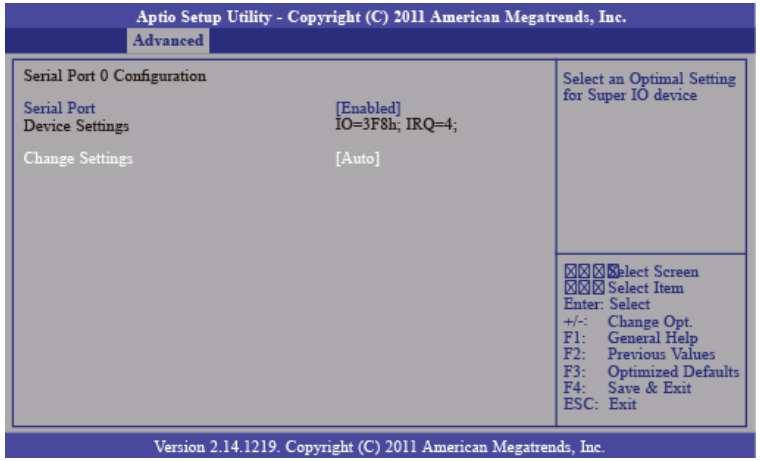
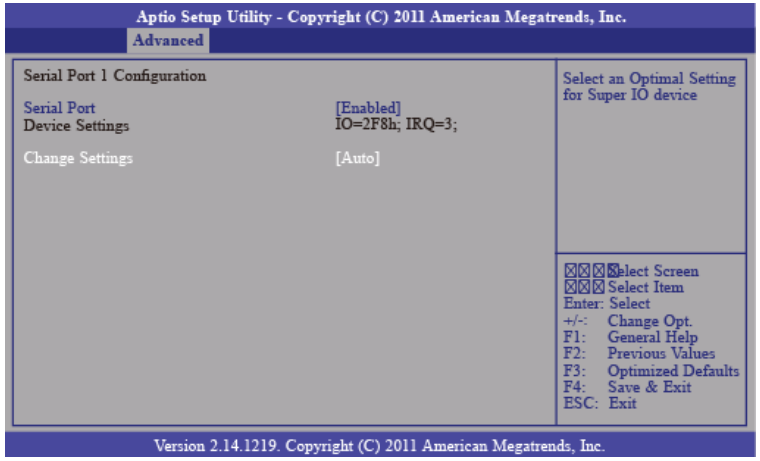
Serial Port 0 Configuration to Serial Port 1 Configuration

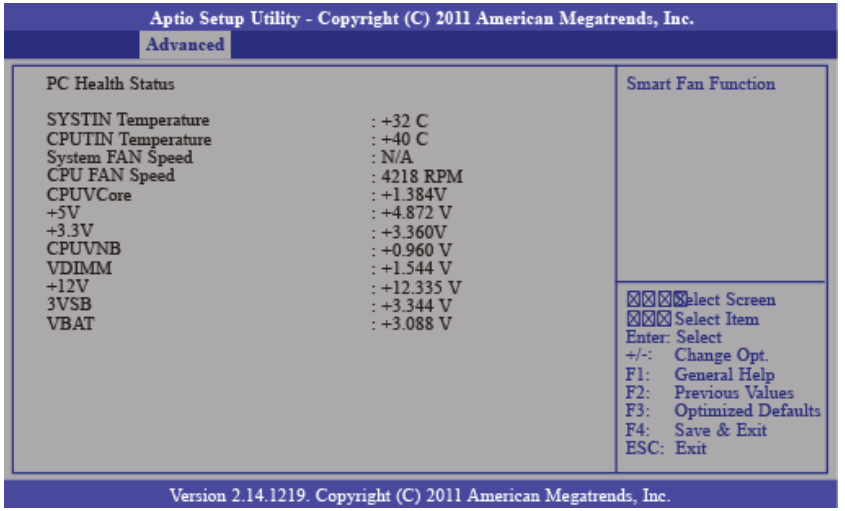




Serial Port
Enables or disables the serial port.
Change Settings
Selects the IO/IRQ setting of the I/O device.

PC Health Status

This section displays the SIO hardware health monitor.



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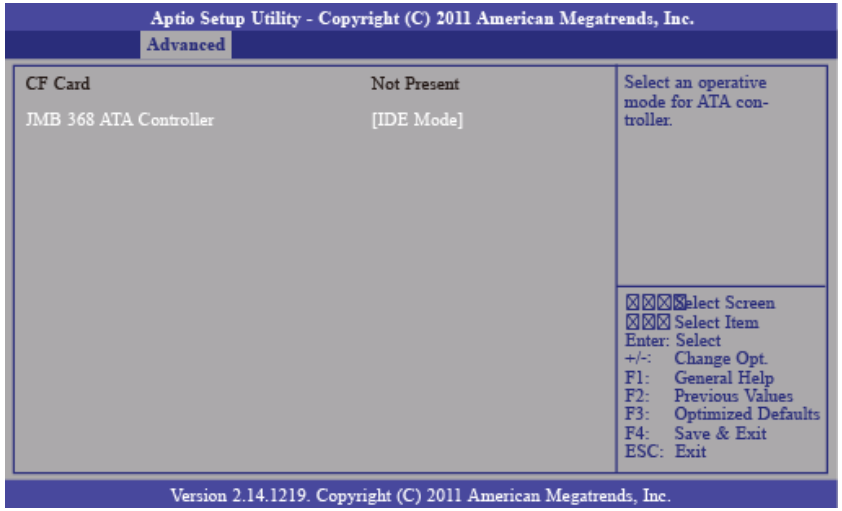
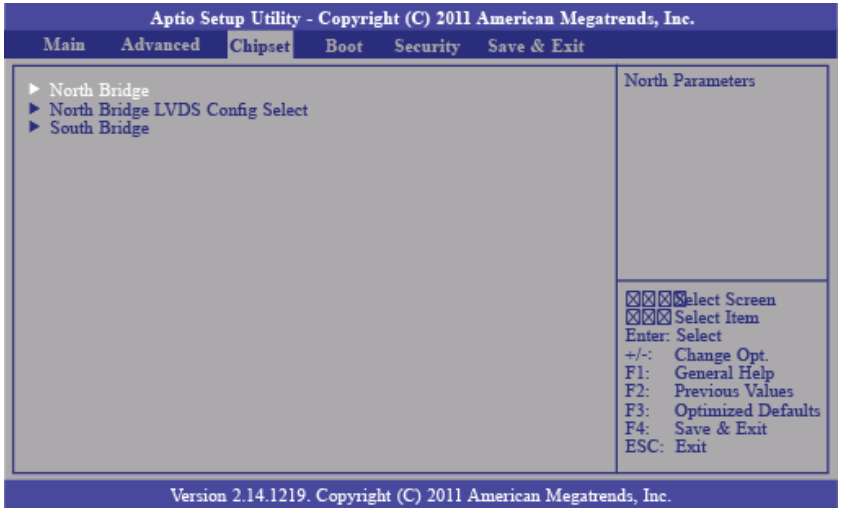
JMB36X ATA Controller Configuration



Chipset

Configures relevant chipset functions.



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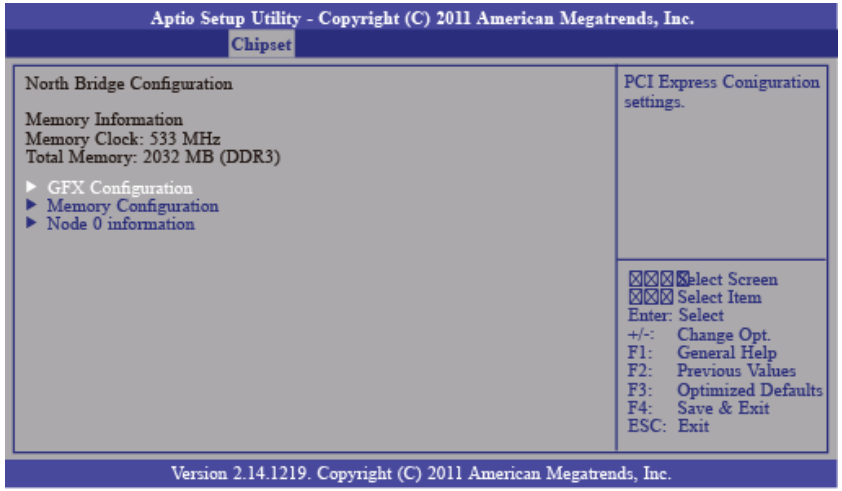
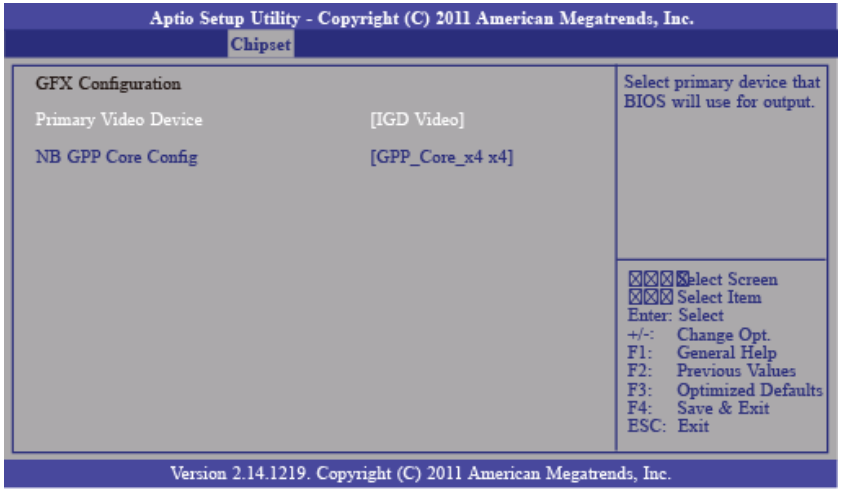
North Bridge Configuration



GFX Configuration


Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Chipset
GFX Configuration
Primary Video Device [IGD Video]
NB GPP Core Config [GPP_Core_x4 x4]
Select primary device that BIOS will use for output.
Select Screen
Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit
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NB GPP Core Config

Selects the NB GPP Core configuration.

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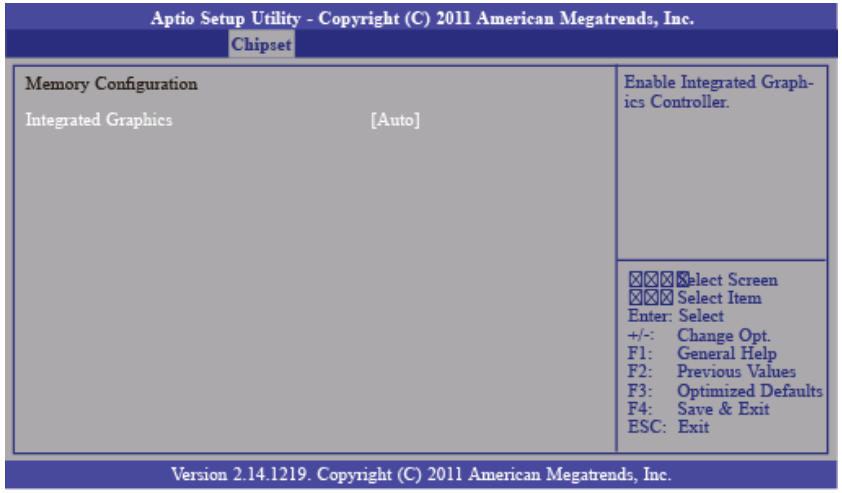
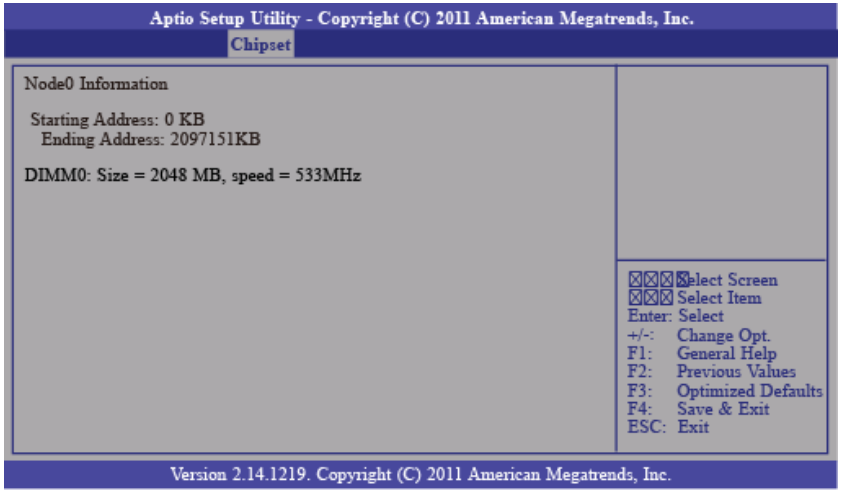
BIOS Setup

Memory Configuration



Node 0 Information



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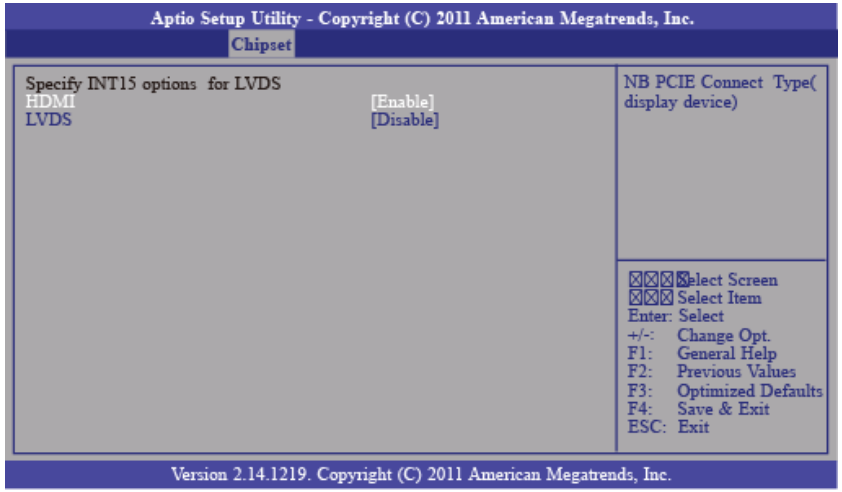
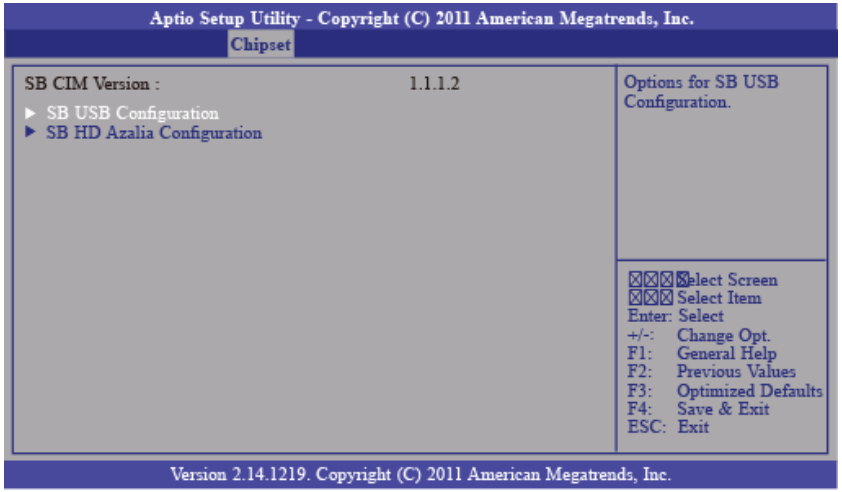
North Bridge LVDS Config Select



South Bridge



LVDS

This field is used to enable or disable the LVDS Panel

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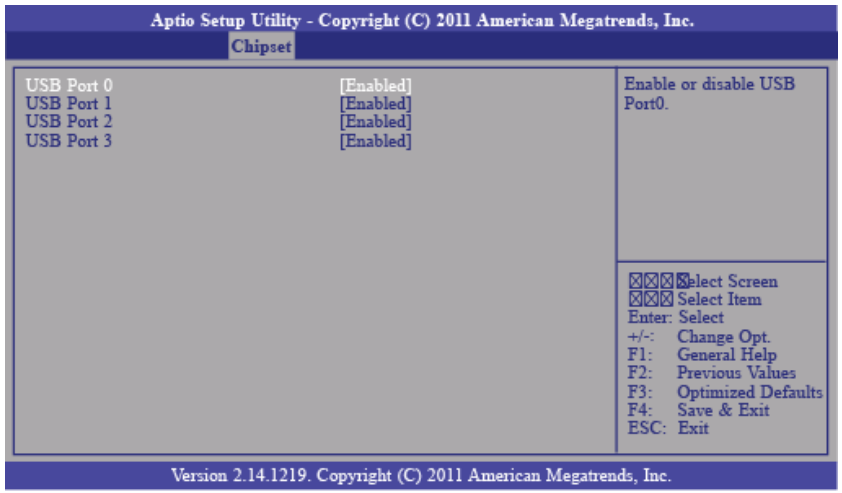
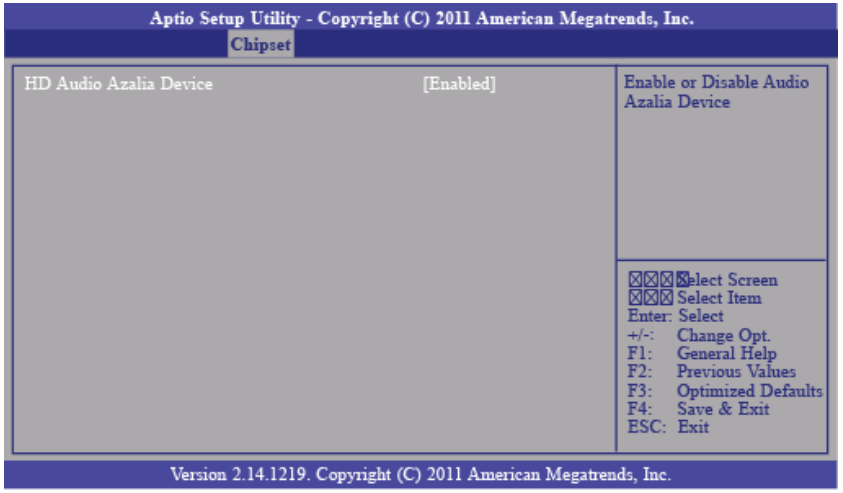
BIOS Setup

SB USB configuration



SB HD Azalia configuration



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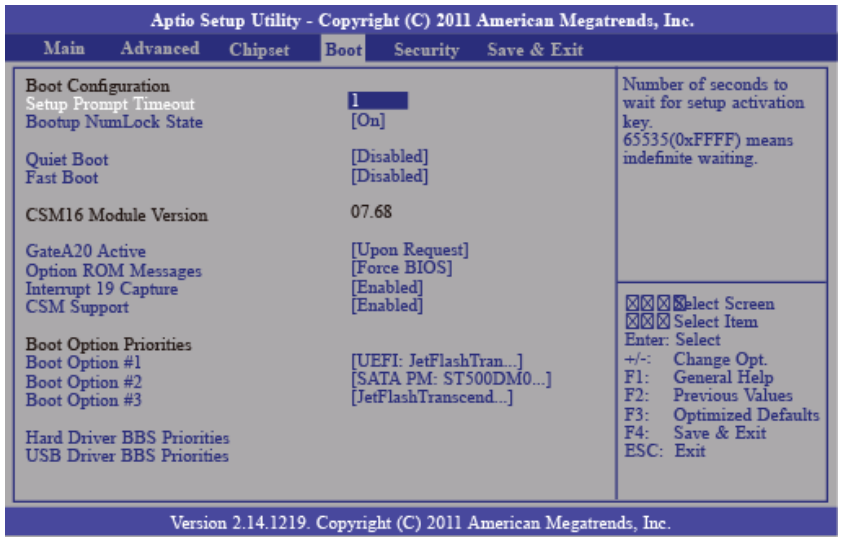
Boot



Setup Prompt Timeout

Selects the number of seconds to wait for the setup activation key. 65535(0xFFFF) denotes indefinite waiting.

Bootup NumLock State

This allows you to determine the default state of the numeric keypad. By default, the system boots up with NumLock on wherein the function of the numeric keypad is the number keys. When set to Off, the function of the numeric keypad is the arrow keys.

Quiet Boot

Enables or disables the quiet boot function.

Fast Boot

Enables or disables boot with initialization of a minimal set of devices required to launch active boot option. Has no effect for BBS boot options.

GateA20 Active

Upon Request- GA20 can be disabled using BIOS services.

Always- Do not allow disabling GA20; this option is useful when any RT code is executed above 1MB.

Option ROM Messages

Set display mode for option ROM.

Interrupt 19 Capture

Enabled: Allows option ROMs to trap Int 19.

Disabled:

CSM Support

Enabled/ disabled CSM support. If auto is selected, based on OS, CSM will be enabled/ disabled automatically.

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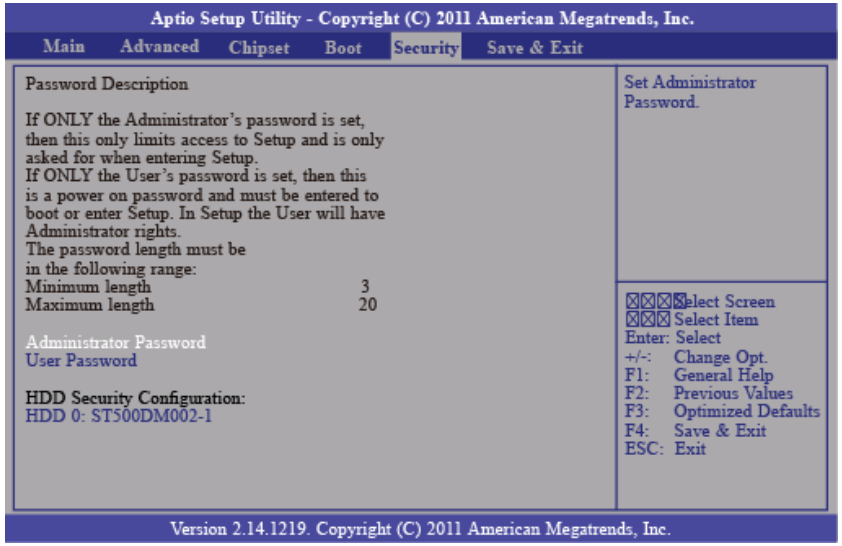
Security


Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Main Advanced Chipset Boot Security Save & Exit
Password Description
If ONLY the Administrator's password is set, then this only limits access to Setup and is only asked for when entering Setup.
If ONLY the User's password is set, then this is a power on password and must be entered to boot or enter Setup. In Setup the User will have Administrator rights.
The password length must be in the following range:
Minimum length 3
Maximum length 20
Administrator Password
User Password
HDD Security Configuration:
HDD 0: ST500DM002-1
Set Administrator Password.
Select Screen
Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit
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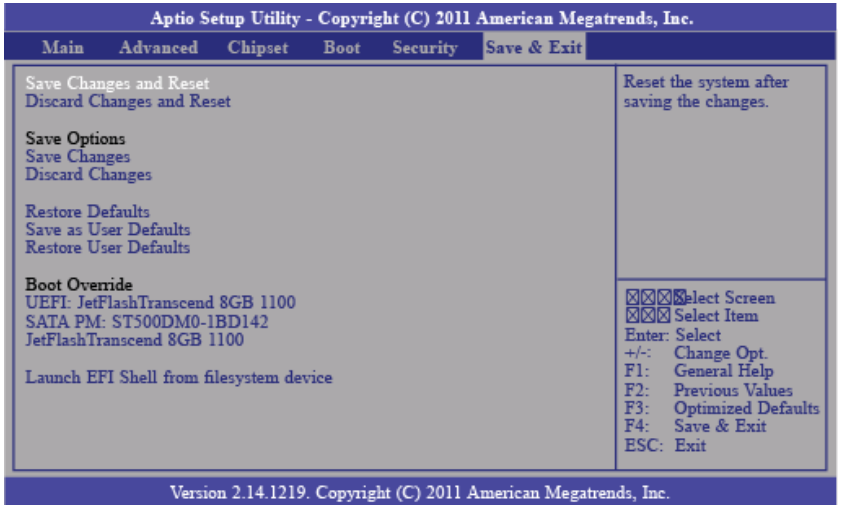
Administrator Password
Sets the administrator password.
User Password
Sets the user password.

Save & Exit



Save Changes and Reset
To save the changes, select this field and then press <Enter>. A dialog box will appear. Select Yes to reset the system after saving all changes made.
Discard Changes and Reset
To discard the changes, select this field and then press <Enter>. A dialog box will appear. Select Yes to reset the system setup without saving any changes.
Save Changes
Save the changes done so far to any of the setup options.
Discard Changes
Discard the changes done so far to any of the setup options.

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BIOS Setup

Restore Defaults
To restore and load the optimized default values, select this field and then press <Enter>. A dialog box will appear. Select Yes to restore the default values of all the setup options.
Save as User Defaults
To save changes done so far as user default, select this field and then press <Enter>. A dialog box will appear. Select Yes to save values as user default.
Restore User Defaults
To restore user default to all the setup options, select this field and then press <Enter>. A dialog box will appear. Select Yes to restore user default.

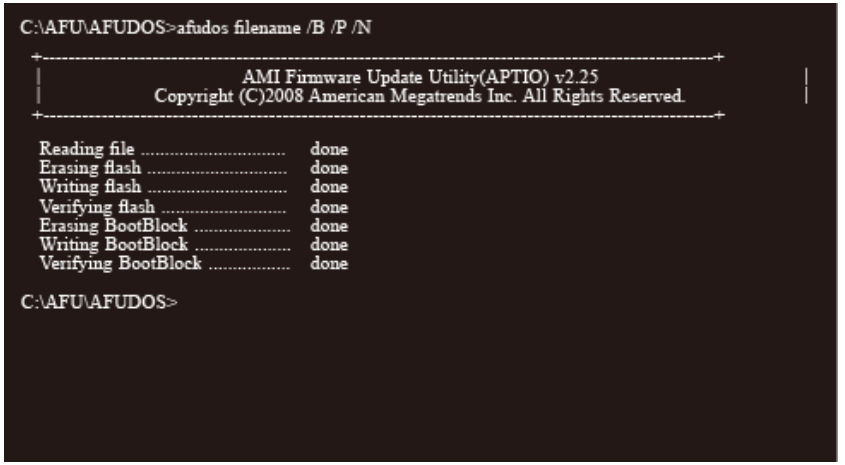
Updating the BIOS

To update the BIOS, you will need the new BIOS file and a fl ash utility, AFUDOS.EXE. Please contact technical support or your sales representative for the files.

To execute the utility, type:

A:> AFUDOS BIOS_File_Name /b /p /n

then press <Enter>.


C:\AFU\AFUDOS>afudos filename /B /P /N
AMI Firmware Update Utility(APTIO) v2.25
Copyright (C)2008 American Megatrends Inc. All Rights Reserved.
Reading file ..... done
Erasing flash ..... done
Writing flash ..... done
Verifying flash ..... done
Erasing BootBlock ..... done
Writing BootBlock ..... done
Verifying BootBlock ..... done
C:\AFU\AFUDOS>

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Driver Installation

The SP-2L Series comes with an AutoRun CD-ROM that contains all drivers and utilities that can help you to install the driver automatically.

Insert the driver CD, the driver CD-title will auto start and show the installation guide. If not, please follow the sequence below to install the drivers.

Step 1 – Install Chipset Driver

1. Click on the STEP1-CHIPSET folder and select the OS folder your system is
2. Double click on the .exe file located in each OS folder
3. Follow the instructions that the window shows
4. The system will help you install the driver automatically

Step 2 – Install VGA Driver

1. Click on the STEP2-VGA folder and select the OS folder your system is
2. Double click on the Setup.exe file located in each OS folder
3. Follow the instructions that the window shows
4. The system will help you install the driver automatically

Step 3 –Install LAN Driver

1. Click on the STEP3-LAN folder and select the OS folder your system is
2. Double click on the .exe file located in each OS folder
3. Follow the instructions that the window shows
4. The system will help you install the driver automatically

Step 4 –Install Touch Driver (Optional)

1. Click on the STEP4-TOUCH (Option) folder and select the OS folder your system is
2. Double click on the .exe located in each OS folder
3. Follow the instructions that the window shows
4. The system will help you install the driver automatically

Step 5 –Install Rapid Storage Driver (Optional)

1. Click on the STEP5-RAPID STORAGE (Option) folder and double click on the setup.exe
2. Follow the instructions that the window shows
3. The system will help you install the driver automatically

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Contact Information

Any questions, please contact your local dealer or contact us via the following means:

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